AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior version, and listings, of claims in the application:

1. (Original) A method of inhibiting angiogenesis or treating inflammation responses in mammals comprising delivering to the mammal an effective amount of a biologically active extract isolated from the cartilage of an embryonic cartilaginous fish.

2. (Original) The method of claim 1, wherein inhibiting angiogenesis prevents or inhibits fetal development of a fetus carried by the mammal.

3. (Original) The method of claim 1, wherein said cartilaginous fish is a shark.

4. (Original) The method of claim 1, wherein said biologically active extract comprises glycoproteins or proteoglycans having a molecular weight of about 1 kd to about 10 kd..

5. (Original) The method of claim 4, wherein said glycoproteins or proteoglycans have a molecular weight of about 10 kd.

6. (Original) The method of claim 1, wherein said biologically active extract is isolated from chondrocytes released from the cartilage of an embryonic shark.

7. (Original) The method of claim 6, wherein said chondrocytes are cultured in a culture medium.

8. (Original) The method of claim 7, wherein said biologically active extract is isolated from said medium.

9. (Original) The method of claim 1, wherein said biologically active extract is isolated by removing the cartilage from said embryo and releasing chondrocytes from said cartilage.

10. (Original) The method of claim 9, further comprising culturing said chondrocytes.

11. (Original) The method of claim 10, further comprising isolating said biologically active extract from said chondrocytes.

12. (Original) The method of claim 10, further comprising isolating said biologically active extract from a culture medium.

13. (Original) The method of claim 10, wherein said culturing step further comprises using a growth medium which includes serum derived from the blood of a cartilaginous fish.

14. (Original) The method of claim 1, wherein said biologically active extract is administered in liquid form.

15. (Original) The method of claim 1, wherein said biologically active extract is administered in powdered form.

16. (Original) A biologically active compound having an apparent molecular weight from about 1kd to 10kd, that inhibits angiogenesis or treats inflammation responses in mammals, said biologically active compound is isolated from the cartilage of an embryonic cartilaginous fish.

17. (Original) The compound of claim 16 prepared by:

a) removing the cartilage from a cartilaginous fish embryo,

b) grinding said cartilage to release its chondrocytes, producing a paste containing the released chondrocytes, and

c) culturing said chondrocytes by mixing the chondrocyte paste into a culture medium and placing the mixture in a tissue culture plate.

18. (Original) The compound of claim 16 having a molecular weight of about 10 kd.

19. (Original) The compound of claim 16, wherein said compound is a proteoglycan or glycoprotein.

20. The compound of claim 16, wherein said compound is about 4.5% protein.

Claims 21 through 52 (Canceled)